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MEAN WELL

SWITCHING POWER SUPPLY

ISO-9001 CERTIFIED MANUFACTURER

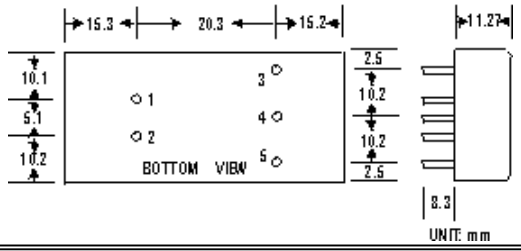
DLW05A SERIES

Jameco Part Number 216856 (DLW05A-12)

- .2:1 WIDE INPUT RANGE
- .REGULATED DC OUTPUT
- .1000VDC I/O ISOLATION
- .3000VDC ISOLATION IS AVAILABLE
- .INPUT PI NETWORK FILTER
- .INDUSTRY STANDARD PACKAGE
- .NO EXTERNAL COMPONENTS REQUIRED
- .HIGH PERFORMACE / LOW PRICE
- .SHORT CIRCUIT PROTECTION
- .100% BURN-IN TEST
- .1 YEAR WARRANTY
- .MTBF:500,000 HOURS

MODEL / SPECIFICATION	DLW05A-05		DLW05A-12		DLW05A-15	
DC OUTPUT VOLTAGE	+5V	-5V	+12V	-12V	+15V	-15V
OUTPUT VOLTAGE ACCURACY	±2%					
OUTPUT RATED CURRENT	500mA	500mA	208mA	208mA	167mA	167mA
OUTPUT CURRENT RANGE	0-500mA	0-500mA	0-208mA	0-208mA	0-167mA	0-167mA
RIPPLE & NOISE	100mVp-p (max.)					
LINE REGULATION	± 0.2%					
LOAD REGULATION	± 2%					
DC OUTPUT POWER	5W					
EFFICIENCY	75%		80%		81%	
SWITCHING FREQUENCY	50KHz min.					
INPUT VOLTAGE RANGE	9~18VDC					
INPUT CURRENT	556mA max.					
SHORT CIRCUIT PROTECTION	CONTINOUS					
OVER VOLTAGE PROTECTION	----------					
TEMP. COEFFICIENT	±0.02% / °C (0~50°C)					
ISOLATION VOLTAGE	I/P-O/P:1KVDC MIN.					
ISOLATION RESISTANCE	I/P-O/P:500VDC / 100M Ohms MIN.					
ISOLATION CAPACITANCE	---------					
WORKING TEMP., HUMIDITY	-15°C~+60°C, 20%~90% RH (NO DERATING); 80% LOAD @ 71°C					
STORAGE TEMP., HUMIDITY	-25°C~+85°C, 10%~95% RH					
DIMENSION	2"*1"*0.44"					
WEIGHT	32g					
CASE METERIAL	FIVE-SIDED SHIELD METAL CASE					

MECHANISM AND PIN CONFIGURATION



Pin no.	Output
1	+Vin
2	-Vin
3	+Vout
4	COM
5	-Vout

NOTE :
1. ALL PARAMETERS ARE SPECIFIED AT RATED INPUT, RATED LOAD, 25°C 70% RH. AMBIENT.
2. RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.
3. LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.
4. LOAD REGULATION IS MEASURED FROM 20% TO 100% RATED LOAD.

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